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## IN THE CLAIMS

## Amendments to the Claims

A Listing of Claims is provided as follows and will replace any previous listing.

No new matter has been added.

## Listing of Claims:

1. (Currently Amended) An immunoassay method of a prostate-specific antigen comprising:

performing an antigen-antibody reaction in the presence of a copolymer as an agglutination accelerator, which is dissolved in a reagent, and is obtained by polymerizing a monomer represented by the following general formula [2]:

$$CH_{2} = C - C - X - R^{5}O - P - O - R^{4}N + R^{2}$$

$$R^{3}$$
[2]

wherein, R<sup>1</sup>-R<sup>3</sup> are each independently a hydrogen atom or an alkyl group optionally having a hydroxyl group; R<sup>4</sup> is an alkylene group; R<sup>5</sup> is an alkylene group optionally having a substituent and optionally having an oxygen atom in the chain; R<sup>6</sup> is a hydrogen atom or a methyl group; and X is an oxygen atom or a -NH- group, and an aralkyl methacrylate; and

determining the presence of prostate-specific antigen based on the antigenantibody reaction.

## 2-7. (Canceled)

8. (Previously Presented) The immunoassay method according to claim 1, wherein the aralkyl methacrylate is benzyl methacrylate.

- 9. (Previously Presented) The immunoassay method according to claim 8, wherein a ratio of the monomer unit derived from the monomer represented by the general formula [2] in the copolymer is 20% or more but less than 100%.
- 10. (Previously Presented) The immunoassay method according to claim 9, wherein a molecular weight of the polymer is 10,000 to 1,000,000.
- 11. (Currently Amended) A kit of reagent for immunoassay of a prostate-specific antigen comprising:

a reagent containing a copolymer as an agglutination accelerator, which is dissolved in the reagent, and obtained by polymerizing a monomer represented by the following general formula [2]:

$$CH_{2} = C - C - X - R^{5}O - P - O - R^{4}N + R^{2}$$

$$R^{3}$$
[2]

wherein,  $R^1$ - $R^3$  are each independently a hydrogen atom or an alkyl group optionally having a hydroxyl group;  $R^4$  is an alkylene group;  $R^5$  is an alkylene group optionally having a substituent and optionally having an oxygen atom in the chain;  $R^6$  is a hydrogen atom or a methyl group; and X is an oxygen atom or a -NH- group, and an aralkyl methacrylate; and

a reagent containing an antibody to a prostate-specific antigen or a prostate-specific antigen.

- 12. (Original) The kit according to claim 11, wherein the antibody to a prostate-specific antigen or the prostate-specific antigen is supported on a carrier.
- 13. (Canceled)
- 14. (Previously Presented) The kit according to claim 12, wherein the carrier is latex.

- 15. (Canceled)
- 16. (Previously Presented) The kit according to claim 11, wherein the aralkyl methacrylate is benzyl methacrylate.